SUREMENT BOOK

Dimensions				Contents	Reference to last Measurement
umber 3	Length 4	Breadth 5	Depth 6	7	8
1	30.00	(44.50 + 3.80)/2		= 124.50 Sqm	
1	30.00	(3.80 + 3.90)/2		= 115.50 "	
1	29.80	(3.90 + 5.60)/2		= 141.55 "	
				Qty = 653.05 Sqm	
				Restricted Qty = 650.00 Sqm	

Executive Engineer
Vijaya Sub Division
Bangalore - 97

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265649

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	R.A. Bill No: 1 & Final						
	1) Name of the work :- Improvement to Roads, Drains and Construction of Culverts @ Vinayaka Nagara internal roads and surrounding area in Ward No. 11.						
	2) Job Code No:- 08-17-000009, Estt Cost :- 30.00 lakhs,						
	3) Head of A/c :- 2-17-71.						
	4) AS. No:- AS/CE(VNK)/79/16-17 dt 31.12.2016.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	5) T.S No:- TS/CE/(W&S)/89/16-17 dt 31.12.2016.						
	6) Work order No:- BCMP/CE/BTP/WO/E2/2016-17 dt 04.05.17.						
	7) Name of the Agency:- Sri K. Anil Kumar. Thousand Lights, Tirupati.						
	8) Date of Record:- 05.5.2018						
	Item No. (1):- Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces no exceeding 0.02 cum in volume & stacking @ designated location & disposal of dismantled materials up to a lead of 1000 meters & stacking serviceable & unserviceable materials separately						

ASUREMENT BOOK

	Dimensions			Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8

XK)/B9/16-17 dt 31.12.2016.
MP/EE/BTP/WO/52/2016-17 dt 04.05.17.
s- Sri K. Anil Kumar.
Thippasandra B, Zone-15.
05.2018
e of cement concrete pavement
using pneumatic tools, breaking to
0.03 cum in volume & stacking
ing & disposal of dismantled
lead of 1000 meters & stacking
erviceable materials & replat

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265650

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	-ety etc complete as per specifications.						
	Qty vide this M. B. P. No.						
	this Item No. (1) Qty =					97.50 Cum	
	@ Rs = 822.00/cum					Rs = 80,145=00	
	Item No (2) :- Earth work excavation by manual means in ord soil in wet or dry & to throw upto 2 mtrs & an average lift upto 1.50m excluding surface levelling & dressing						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	neatly dressed & disposed earth to be levelled neatly after breaking of clods etc complete as per specifications.						
	Qty vide this M.B. P. No. 64						
	Item No. (2) Qty = 35.91 Cum						
	@ Rs = 192.- /Cum Rs = 6896.-						
	Item No. (3) :- providing and laying in position PCC of mix 1:4:8 with OPC cement @ 180 kgs with hammered graded granite metal coarse aggregates @ 0.81 Cum & fine aggregates @ 0.87 Cum machine mixed						

Serial No. .....
Name of Work .....
Name of Contractor of nature o
Date of commencement of wor

Date	Full description, etc,
1	2
	Concrete la
	injected in fo
	Machinery Cu
	Item No. (4) :- Pr

UREMENT BOOK

Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8

Disposal earth to be levelled
of / clods etc complete as

Vide this M.A.R. No. 644
No. (2) Qty = 357.91 Cum
@ Rs = 192/- /Cum Rs = 68,684/-

and laying in position PCC of mix
ent @ 1:6:12 with 40mm & gra-
/ coarse aggregates @ 0.81 Cum
@ 0.87 Cum machine mixed

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265651

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	concrete laid in layers not exceeding 15 Cms thick well co mpacted in foundation incl cost of all materials labour Hoisting & Machinery curing etc complete as per specifications.						
	Qty Vide this M.A.R. No. 644 Item No (3) Qty = 196.87 /Cum @ Rs = 5,200/ Cum						Rs = 5,70,915=00
	Item No. (4) :- providing and laying cement concrete using 20 mm						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	c/s Granite of leading quality Concrete (1:4:8) for all works laid in 15 cms thick layers and well compacted & finishing with necessary C.M form works and Scaffolding to with stand pumping of concrete with all lead & lifts the complete (exclusive of cost of steel & fabrications charges) M20 (1:1.5:3) of the complete as per specifications						
	V. Nagaram 10th A cross:-	1	30.00	0.90	0.15	4.05 Cum	
		4	1.00	0.90	0.15	4.05 "	
		1	46.00	0.90	0.15	1.69 "	
	" " "	4	1	30.00	0.90	0.15	4.05 "
		1	30.00	0.90	0.15	4.05 "	
						17.89	

MEASUREMENT BOOK

etc, of work	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Re Me
"	"					

M. A. R. 57 (Rule 116)
Measurement Book

No. B

265652

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ntractor of nature of Agency .....

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Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Cross Roads :-	1	13.00	0.90	0.15	1.76 Cum	
	1	30.00	0.90	0.15	4.05 "	
	1	25.00	0.90	0.15	3.38 "	
Culvert	1	6.00	1.50	0.15	1.35 "	
e wall :-	2	30.00	0.15	0.60	5.40 "	
	2	30.00	0.15	0.60	5.40 "	
	2	14.00	0.15	0.60	2.52 "	
					41.75	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents 41.75	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	V. Nagar 10th A Cr 4/5	2	30.00	0.15	0.60	5.40 Cum	
		2	30.00	0.15	0.60	5.40 "	
		2	13.00	0.15	0.60	2.34 "	
	Cross Road :-	2	30.00	0.15	0.60	5.40 "	
	~~for Dent~~ Concrete	2	25.00	0.15	0.60	4.50 "	
		2	6.00	0.30	0.90	3.24 "	
	for Dent Concrete 4/5	1	30.00	0.60	0.15	2.70 Cum	
	"	1	30.00	0.60	0.15	2.70 "	
	"	1	14.00	0.60	0.15	1.26 "	
						69.29	

MEASUREMENT BOOK

cription, etc, of work 2	Dimensions				Contents 41.75 7	
	Number 3	Length 4	Breadth 5	Depth 6		
ear 10th A Cr 4/5	2	30.00	0.15	0.60	5.40 Cum	
	2	30.00	0.15	0.60	5.40 "	
	2	13.00	0.15	0.60	2.34 "	
	2	30.00	0.15	0.60	5.40 "	
& Road :-	2	25.00	0.15	0.60	4.50 "	
L Concrete	2	6.00	0.30	0.90	3.24 "	
L- Concrete 4/5	1	30.00	0.60	0.15	2.70 Cum	
	1	30.00	0.60	0.15	2.70 "	
"	1	14.00	0.60	0.15	1.26 "	
"					69.29	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265653

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..... From..... To.....

actor of nature of Agency .....

ncement of work .....

ll description, etc, of work 2	Dimensions				Contents 69.29 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
Cent- Concrete 4/5	1	30.00	0.60	0.15	2.70 Cum	
	1	30.00	0.60	0.15	2.70 "	
	1	13.00	0.60	0.15	1.17 "	
Rising of existing Parapet 10th A Cr 4/5	2	30.00	0.15	0.60	2.70 "	
	2	30.00	0.15	0.30	2.70 "	
	2	14.00	0.15	0.30	1.26 "	
	2	30.00	0.15	0.30	2.70 "	
	2	30.00	0.15	0.30	2.70 "	
					87.92	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		8	13.40	0.15	0.30	1.74 Cum	
					Qty =	34.10 Cum	89.09
					Deducted Qty =	86.27 Cum	
					@ Rate = 5000/- Cum	Rs = 431350.-	

Item No. (5): providing & removing centring shuttering strutting propping etc and removal of storm works to the surface such as walls @ any thickness including attached pilasters buttresses plinth and string courses cost of all materials work etc complete

Assistant Executive Engineer
Yelahanka Sub Division
BBMP, Bangalore - 97

EASUREMENT BOOK

	Dimensions			Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
	8	13.40	0.15	0.30	1.17 Cum	
				Qty = 34.10 Cum	89.09
				Restricted Qty = 86.27 Cum	
				@ Rate = 5000/Cum	Rs = 431,350.00

ing & removing centring shuttering stra
C and removal of stem walls two
ch as wall @ any thickness in cl
g before & & & plinth and stra ing
& all materials labour etc complete

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265654

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ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	as per specification &						
	Qty vide MB No. 695						
	Item No. (5) Qty = 699.60 Sqm						
	@ Rate = 297.00/Sqm						Rs = 2,07,781.00
	Item No (6):- providing TMT steel reinforcement for RCC work inc						
	straightening cutting bending placing in position tapping and						
	or welding wherever req of tying with binding wire and						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	anchorage to the adjoining members wherever necessary - are complete as per drawings (Cage books and Wastage shall not be measured and paid) Cost of materials Hire Hong of Machinery Complete as per specification. Qty Vide the M.B.P. No. [illegible] Item No (6) Qty = 6.34 Tonnes @ Rs = 59327/- Ton Rs = 3,76,133/-						
	Item No (7):- providing precast slab of 250mm thick incl cost of all materials like, curing transportation loading unloading etc complete as per direction of engineer						

MEASUREMENT BOOK

etc, of work	Dimensions				Contents	R
	Number 3	Length 4	Breadth 5	Depth 6	7	Me

to the adjoining members wherever necessary
te as per drawings books and wastage
be measured and paid) cost of materials
of Machinery Completed as per specification.
Qty vide this M. B. P. No. 6pp
Item No. (6) Qty - 6.34 Tonnes
@ Rs = 5932/- Ton Rs = 37,6

: providing precast slab of 250mm thick in
all materials lbr, curing transportation loading
g etc complete as per directions of engineer

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265655

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Work ..... From..... To.....
ontractor of nature of Agency .....
mmencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
2	Number 3	Length 4	Breadth 5	Depth 6	7	8
- Charge:	1	6·00	1·50	-	9·00 Sqm	
	—	—			@ Rs = 5125/Sqm Rs = 46,125 = 00	
No. (B) :- providing precast slab of 250mm thick in Cost of materials lbr Curing transportation loading unloading etc complete as per the directions of engineer in Charge of work.						
F.C.	2	30·00	0·90	—	54·00 Sqm	
	2	30·00	0·90	—	54·00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	C/F.C.	2	150.00	0.90	—	95.40 Sqm	
		2	30.00	0.90	—	54.00 "	
		2	30.00	0.90	—	54.00 "	
		2	13.00	0.90	—	23.40 "	
		1	30.00	0.90	—	27.00 "	
		1	95.00	0.90	—	85.50 "	
					Qty =	314.10 Sqm	
					Restricted Qty =	283.50 Sqm	
					@ RO =	1760/- Sqm	Rs = 4,98,960

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Serial No. .....
Name of Work .....
Name of Contractor of nature
Date of commencement of w

Date	Full description, et
1	2
	Item No. (9) :- PCC thickness 1:3 Grade C maximum Si mixed of ste shovels, tack finished in as per drawi

MEASUREMENT BOOK

	Dimensions			Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
	2	100.00	0.90	—	95.40 Sqm	
	2	30.00	0.90	—	54.00 "	
	2	30.00	0.90	—	54.00 "	
	2	13.00	0.90	—	23.40 "	
	1	30.00	0.90	—	27.00 "	
	1	25.00	0.90	—	22.50 "	
				Qty =	316.10 Sqm	
				Restricted Qty =	283.50 Sqm	
				@ Rs =	1760/Sqm	
				Rs =	4,98,9	

tive Engineer
a Sub Division
ngalore - 97

M. A. R. 57 (Rule 116)
Measurement Book

No. B

265656

al No. .....

e of Work ..... From..... To.....

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of commencement of work .....

	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Item No. (9):- Cement Concrete pavement 1:2:4 Concrete unreinforced PCC thickness as per design over a prepared sub base with 43 Grade Cement or any other type and fine aggregates maximum size of coarse aggregate 0.6 Cum as per approved mixed design laid in approved fixed side form work with shovels, rackers compacted using needle plate vibrator finished in continuous operation finished to line & grades as per drawing complete as per specification MoRTH-300						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Kg per/Cum as per standerds & Coarse aggregate (@ 0.65 cum & fine aggregate @ 0.43 (cum) etc complete as per specification & direction of Engineer in charge. Vinayaka nagar 10th Cross Road.						
C&F.C. 22/8/16	1	-	30.40	(5.20+4.20)/2	0.125	= 17.63 cum	
	1	-	30.40	(4.20+4.50)/2	0.125	= 16.31 "	
	1	-	30.40	(4.50+3.80)/2	0.125	= 15.69 "	
	1	-	30.00	(3.80+3.90)/2	0.125	= 14.70 "	
	1	-	99.80	(3.90+5.60)/2	0.126	= 17.64 "	

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ate of commencement of work .....

Date	Full description, etc, of work
1	2
	Item No. (10) :- Va mat and Compa disc in Chafkie Greep Vibrato

MEASUREMENT BOOK

work	Dimensions			Contents	Ref. to. Meas
	Number 3	Length 4	Breadth 5	Depth 6	7

per drawing & Course description (@ 0.4
Gate @ 0.43 (cum) etc complete as per
2. & direction of Engineer in charge.
ngar with Across Road.

1 - 30.00 (5.20+4.20)/2 0.125 = 17.63 cum
1 - 30.00 (4.20+4.50)/2 0.125 = 16.31 "
1 - 30.00 (4.50+3.80)/2 0.125 = 15.69 "
1 - 30.00 (3.80+3.90)/2 0.125 = 14.70
1 - 99.80 (3.90+5.60)/2 0.126 = 17.64

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M. A. R. 57 (Rule 116)
Measurement Book

No. B
265657

Work ..... From..... To.....
Contractor of nature of Agency .....
Commencement of work .....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
				Qty = 82.24 Cum		
Restricted				Qty = 81.25 Cum		
				@ Rs = 5287/Cum		Rs = 4,29,569.00

Item No. (10) :- Vacuum De-Watering with Vacuum pump and suction
mat and Compacting with 5 HP Vibrator Clubbed with floating
Pipe in Chainage Lot of Generator Hire of Machinery
Shree Vibrator power floater black and Diesel etc

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Complete as per specifications and directions of Engineer in Charge.						
	Qty vide Page No M.B. P.No 648						
	Item No (1) Qty = 650.00 Sqm						
	@ Rs = 97.00/Sqm					Rs = 63050=00	
						Total Rs = 97,19,612.00	
	AE 25.5.2018						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Serial No. .....
Name of Work .....
Name of Contractor of nature of A
Date of commencement of work ..

Date	Full description, etc, of
1	2

MEASUREMENT BOOK

	Dimensions				Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
					specifications and abstractions of Engg. wo	
					ty work as per M.B. P.No 248	
					tem No (1) Qty = 650.40 Sqm	
					@ Rs = 97.00/Sqm	Rs = 63050.0
					Total Qty = 97,19,618	
					AE 25.5.2018	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265658

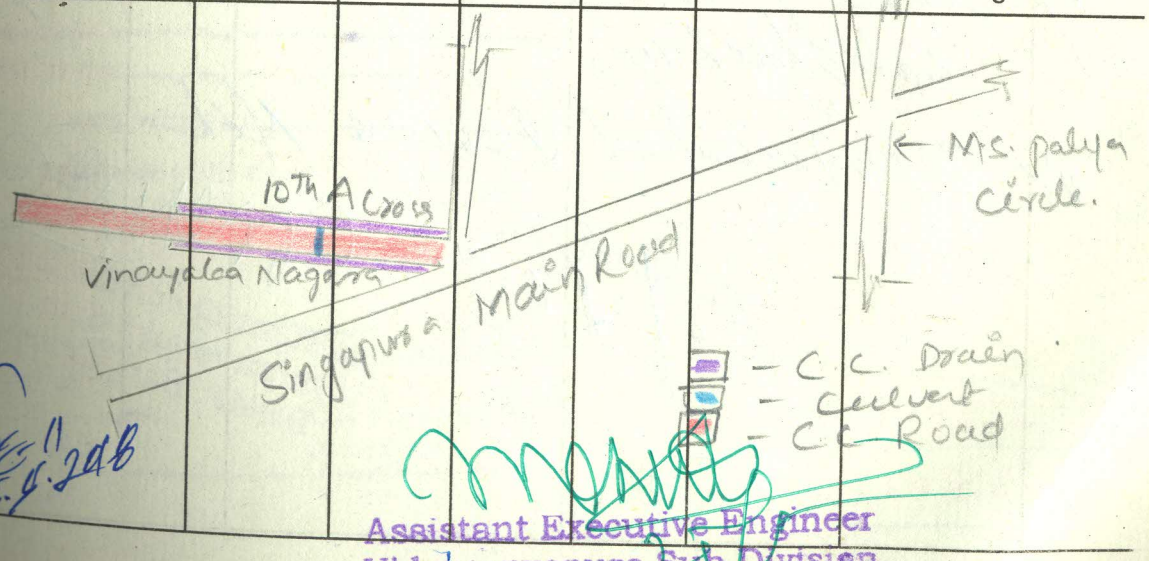
No. .....

of Work ..... From..... To.....

of Contractor of nature of Agency .....

of commencement of work .....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		



AE 25.5.2018

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CERTIFICATE						
	I/c Certified that the above work done is satisfactory.						
	I/c Departmental Enquiry Nil						
	J.E.II						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

SUREMENT BOOK

Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measureme 8

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265659

erial No. .....

ame of Work ..... From..... To.....

ame of Contractor of nature of Agency .....

ate of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
						Total Rs: 27,72,612-00	
						IT - 27726-00	
						CM - 27726-00	
						CBF. 2773-00	
						LK - 36321-00	
						Fire - 8250-00	
						Adju - 102796-00	
						Cheque Rs: 26,69,816-00	

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 27,72,612-0

ಗ[illegible] ಮಾಡಿದೆ: ಇದರಲ್ಲಿ ರೂ 1,02,796-00

ಮುಂದಿನ ಬಿಲ್ಲಿಗೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 26,69,816-0

Rs: Twenty six lakh Sixty nine thousand eight hundred Sixteen only

ಚೆಕ್ ಮುಖಾಂತರ ಕೊಡಲಾಗಿದೆ

ಲೆಕ್ಕಾಧಿಕಾರಿಯವರು

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97